

What is claimed is:

1. A method to manage multiple format fonts in an image generating device comprising the steps of:
 - receiving a management request from an associated user to store a font in a selected storage area of the image generating device;
 - determining the type of font to be stored; and
 - selectively generating a new font file such that
 - when the font to be stored is a PostScript font, pre-appending selected PostScript language code to the PostScript font data to create a new font file,
 - when the font to be stored is a PCL font, pre-appending selected PCL software commands to the PCL font data to create a new font file, and
 - when the font to be stored is other than a PostScript font or PCL font, converting the font to a PCL font and pre-appending selected PCL software commands to the converted PCL font data to create a new font file.
2. The method according to claim 1 further comprising the step of transmitting the newly created file to an associated raster image processor for processing.
3. The method according to claim 2 further comprising the step of storing the processed file in the selected storage area.
4. The method according to claim 1 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.
5. The method according to claim 1 wherein the image generating device is selected from the group consisting of a printing device, a facsimile device, a copying device, and a video display device.

6. A method to manage multiple format fonts in an image generating device comprising the steps of:

- receiving a management request from an associated user to remove a selected font from a selected storage area of an image generating device;
- creating a new file which includes a selected command and the font to be removed;
- determining if the selected font is stored in the storage area; and
- upon a determination that the selected font is stored in the storage area, removing the selected font from the storage area.

7. The method according to claim 6 further comprising the step of transmitting the newly created file to an associated raster image processor for processing.

8. The method according to claim 6 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.

9. The method according to claim 6 wherein the image generating device is selected from the group consisting of a printing device, a facsimile device, a copying device, and a video display monitor.

10. A method to manage multiple format fonts in an image generating device comprising the steps of:

- receiving a management request from an associated user to locate a selected type of font stored in a selected storage area of the image generating device;
- determining if the selected type of font is stored in the storage area;
- generating a list of fonts corresponding to the selected type of font, and
- transmitting the list of fonts to the associated user via at least one of displaying the list of fonts on a display means and generating test documents listing the fonts.

11. The method according to claim 10 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.

12. The method according to claim 10 wherein the image generating device is a printing device.

13. A method to manage multiple format fonts in an image generating device comprising the steps of:

receiving a management request from an associated user;

determining the type of management request received;

upon a determination that the management request received is a request to store a font in a selected storage area of the image generating device,

determining the type of font to be stored; and

selectively generating a new font file such that

when the font to be stored is a PostScript font, pre-appending selected PostScript language code to the PostScript font data to create a new font file;

when the font to be stored is a PCL font, pre-appending selected PCL software commands to the PCL font data to create a new font file; and

when the font to be stored is other than a PostScript font or PCL font, converting the font to a PCL font and pre-appending selected PCL software commands to the converted PCL font data to create a new font file;

upon a determination that the management request received is to remove a selected font from a selected storage area of an image generating device,

creating a new file which includes a selected command and the font to be removed;

determining if the selected font is stored in the storage area; and

upon a determination that the selected font is stored in the storage area, removing the selected font from the storage area; and

upon a determination that the management request received is to locate a selected type of font stored in a selected storage area of the image generating device,

determining if the selected type of font is stored in the storage area;
generating a list of fonts corresponding to the selected type of font, and
transmitting the list of fonts to the associated user via at least one of
displaying the list of fonts on a display means or generating test documents listing the fonts.

14. The method according to claim 13 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.

15. The method according to claim 13 wherein the image generating device is selected from the group consisting of a printing device, a facsimile device, a copying device, and a video display monitor.

16. A system to manage multiple format fonts in an image generating device comprising:

means adapted for receiving a management request from an associated user to store a font in a selected storage area of the image generating device;

means adapted for determining the type of font to be stored; and

means adapted for selectively generating a new font file such that

when the font to be stored is a PostScript font, means adapted for pre-appending selected PostScript language code to the PostScript font data to create a new font file,

when the font to be stored is a PCL font, means adapted for pre-appending selected PCL software commands to the PCL font data to create a new font file, and

when the font to be stored is other than a PostScript font or PCL font, means adapted for converting the font to a PCL font and means adapted for pre-appending selected PCL software commands to the converted PCL font data to create a new font file.

17. The system according to claim 16 further comprising means adapted for transmitting the newly created file to an associated raster image processor for processing.

18. The system according to claim 17 further comprising means adapted for storing the processed file in the selected storage area.

19. The system according to claim 16 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.

20. The system according to claim 16 wherein the image generating device is selected from the group consisting of a printing device, a facsimile device, a copying device, and a video display device.

21. A system to manage multiple format fonts in an image generating device comprising:

means adapted for receiving a management request from an associated user to remove a selected font from a selected storage area of an image generating device;

means adapted for creating a new file which includes a selected command and the font to be removed;

means adapted for determining if the selected font is stored in the storage area;
and

upon a determination that the selected font is stored in the storage area, means adapted for removing the selected font from the storage area.

22. The system according to claim 21 further comprising means adapted for transmitting the newly created file to an associated raster image processor for processing.

23. The system according to claim 21 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.

24. The system according to claim 21 wherein the image generating device is selected from the group consisting of a printing device, a facsimile device, a copying device, and a video display monitor.

25. A system to manage multiple format fonts in an image generating device comprising:

means adapted for receiving a management request from an associated user to locate a selected type of font stored in a selected storage area of the image generating device;

means adapted for determining if the selected type of font is stored in the storage area;

means adapted for generating a list of fonts corresponding to the selected type of font, and

means adapted for transmitting the list of fonts to the associated user via at least one of displaying the list of fonts on a display means and generating test documents listing the fonts.

26. The system according to claim 25 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.

27. The system according to claim 25 wherein the image generating device is a printing device.

28. A system to manage multiple format fonts in an image generating device comprising:

means adapted for receiving a management request from an associated user;

means adapted for determining the type of management request received;

upon a determination that the management request received is a request to store a font in a selected storage area of the image generating device,

means adapted for determining the type of font to be stored; and

means adapted for selectively generating a new font file such that

when the font to be stored is a PostScript font, means adapted for pre-appending selected PostScript language code to the PostScript font data to create a new font file;

when the font to be stored is a PCL font, means adapted for pre-appending selected PCL software commands to the PCL font data to create a new font file; and

when the font to be stored is other than a PostScript font or PCL font, means adapted for converting the font to a PCL font and means adapted for pre-appending selected PCL software commands to the converted PCL font data to create a new font file;

upon a determination that the management request received is to remove a selected font from a selected storage area of an image generating device,

means adapted for creating a new file which includes a selected command and the font to be removed;

means adapted for determining if the selected font is stored in the storage area; and

upon a determination that the selected font is stored in the storage area, means adapted for removing the selected font from the storage area; and

upon a determination that the management request received is to locate a selected type of font stored in a selected storage area of the image generating device,

means adapted for determining if the selected type of font is stored in the storage area;

means adapted for generating a list of fonts corresponding to the selected type of font, and

means adapted for transmitting the list of fonts to the associated user via at least one of displaying the list of fonts on a display means or generating test documents listing the fonts.

29. The system according to claim 28 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.

30. The system according to claim 28 wherein the image generating device is selected from the group consisting of a printing device, a facsimile device, a copying device, and a video display monitor.

31. An image generating device which manage multiple format fonts comprising:
means adapted for receiving a management request from an associated user to store a font in a selected storage area of the image generating device;
means adapted for determining the type of font to be stored; and
means adapted for selectively generating a new font file such that
when the font to be stored is a PostScript font, means adapted for pre-appending selected PostScript language code to the PostScript font data to create a new font file,
when the font to be stored is a PCL font, means adapted for pre-appending selected PCL software commands to the PCL font data to create a new font file, and
when the font to be stored is other than a PostScript font or PCL font, means adapted for converting the font to a PCL font and means adapted for pre-appending selected PCL software commands to the converted PCL font data to create a new font file.

32. The image generating device according to claim 31 further comprising means adapted for transmitting the newly created file to an associated raster image processor for processing.

33. The image generating device according to claim 32 further comprising means adapted for storing the processed file in the selected storage area.

34. An image generating device to manage multiple format fonts comprising:
means adapted for receiving a management request from an associated user to remove a selected font from a selected storage area of an image generating device;
means adapted for creating a new file which includes a selected command and the font to be removed;
means adapted for determining if the selected font is stored in the storage area;
and

upon a determination that the selected font is stored in the storage area, means adapted for removing the selected font from the storage area.

35. The image generating device according to claim 34 further comprising means adapted for transmitting the newly created file to an associated raster image processor for processing.

36. The image generating device according to claim 34 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.

37. An image generating device to manage multiple format fonts comprising:
means adapted for receiving a management request from an associated user to locate a selected type of font stored in a selected storage area of the image generating device;
means adapted for determining if the selected type of font is stored in the storage area;
means adapted for generating a list of fonts corresponding to the selected type of font, and
means adapted for transmitting the list of fonts to the associated user via at least one of displaying the list of fonts on a display means and generating test documents listing the fonts.

38. An image generating device to manage multiple format fonts comprising:
means adapted for receiving a management request from an associated user;
means adapted for determining the type of management request received;
upon a determination that the management request received is a request to store a font in a selected storage area of the image generating device,
means adapted for determining the type of font to be stored; and
means adapted for selectively generating a new font file such that

when the font to be stored is a PostScript font, means adapted for pre-appending selected PostScript language code to the PostScript font data to create a new font file;

when the font to be stored is a PCL font, means adapted for pre-appending selected PCL software commands to the PCL font data to create a new font file; and

when the font to be stored is other than a PostScript font or PCL font, means adapted for converting the font to a PCL font and means adapted for pre-appending selected PCL software commands to the converted PCL font data to create a new font file;

upon a determination that the management request received is to remove a selected font from a selected storage area of an image generating device,

means adapted for creating a new file which includes a selected command and the font to be removed;

means adapted for determining if the selected font is stored in the storage area; and

upon a determination that the selected font is stored in the storage area, means adapted for removing the selected font from the storage area; and

upon a determination that the management request received is to locate a selected type of font stored in a selected storage area of the image generating device,

means adapted for determining if the selected type of font is stored in the storage area;

means adapted for generating a list of fonts corresponding to the selected type of font, and

means adapted for transmitting the list of fonts to the associated user via at least one of displaying the list of fonts on a display means or generating test documents listing the fonts.